

REMARKS

Claims 1 to 6, 8, 9, 16, 17 and 19 are pending in the application, of which Claims 1, 16, 17 and 19 are independent. Reconsideration and further examination are respectfully requested.

Claims 1 to 6, 8, 9 and 12 to 20 were rejected under 35 U.S.C. § 103(a) over U.S. Patent No. 6,333,789 (Shima) in view of U.S. Patent No. 6,085,220 (Courts). Reconsideration and withdrawal of this rejection are respectfully requested.

The present invention concerns a copying apparatus transmitting job information about print information managed by the copying apparatus to a client. The print information managed by the copying apparatus includes the types of the print jobs which include images and local copies of images received from an image reader equipped by the copying apparatus, and status information regarding each of the print jobs. In one embodiment of the invention, the job information is included in a Web page that is transmitted to the client whereby a user may use a browser to view the job information.

Turning now to specific claim language, Claim 1 is directed to a copying apparatus. The copying apparatus includes: an image a reader, adapted to read an image on a document and to generate data representing the image, a communication unit, adapted to receive data through a network; a printer, adapted to print an image based on input data; a processor, adapted to perform a plurality of jobs including print jobs performed by using said printer. The copying apparatus further includes: a management unit, adapted to manage information about the plurality of jobs performed by said processor, including (I) respective types of the print jobs which include a print of an image based on the data from said communication unit and a local copy which prints an image based on the data from said image reader equipped by said copying

apparatus, and (ii) status information regarding each of the print jobs, which indicates whether each of the print jobs is waiting to be performed or is being performed; a generating unit, adapted to generate a Web page indicating a list of the print jobs and the status information managed by said management unit; and a transmitter, adapted to transmit the Web page generated by said generating unit to a Web browser.

In contrast, Shima discloses a printing system having a host computer and a printer connected by multiple logical channels having individual priorities. The host computer sends information to a predetermined logical channel by referring to a priority table. The printer discriminates the priority of received information and executes the processing of the information according to the priority. Thus, interrupt print data can be processed prior to normal print data. Therefore, Shima discloses that priorities are allocated to logical channels, a transmission of information from a host computer to a printer is received through a selected channel having a specific priority and processing of the information by the printer according to the priority of the logical channel through which the information is received.

Furthermore, printer 11 of Shima is not equipped with an image reader. Instead, Shima merely discloses that printer 11 is connected with host computer 1 via interface 16. In Shima, printer 11 may be directly connected with various data sources via interface 16 instead of relying on host computer 1 for interconnection. Thus printer 11 may perform printing based on data received via interface 16. However, printer 11 cannot perform a local copy operation with an image reader coupled to printer 11 via interface 16. Therefore, printer 11 cannot be construed as a copying apparatus.

In addition, in accordance with he claimed invention, it is possible to display, on a remote general browser, the Web page generated by the copying apparatus indicating a list of the print jobs and the status information managed by said management unit in the copying apparatus. Showing the list on the browser, a user can distinguish a print job is whether a print of data received via the network or a local copy of an image from an image reader equipped with the copying apparatus.

In contrast, Courts discloses an enterprise interaction hub capable of providing customized dynamic content to an individual user using a profile database. Courts further discloses that customized Web pages are transmitted to individual users in response to a HTTP request. Courts fails to disclose a copying apparatus managing information about a plurality of jobs, performed by the copying apparatus, including respective types of the print jobs which include a print of an image based on the data from a communication unit and a local copy which prints an image based on the data from an image reader equipped by said copying apparatus, and status information of the plurality of print jobs, which indicates whether each of the print jobs is waiting to be performed or is being performed. Therefore, Courts cannot disclose generating a Web page indicating a list of the print jobs and the status information managed by the copying apparatus.

As the cited references, neither alone nor in combination, neither disclose nor suggest at least the features of managing information about respective types of the print jobs which include a print of an image based on the data from said communication unit and a local copy which prints an image based on the data from said image reader equipped by said copying apparatus, Applicants submit that amended independent Claim 1 is now in condition for allowance and respectfully request same.

Amended independent Claims 16, 17 and 19 are directed to a control method for a data processing system, a control method for a copying apparatus and a computer-readable medium substantially in accordance with the apparatus of Claim 1. As such, Applicants submit that the discussion from above in regard to Claim 1 applies equally to Claims 16, 17 and 19. Accordingly, Applicant submits that Claims 16, 17 and 19 are now in condition for allowance and respectfully request same.

The other pending claims in this application are each dependent from the independent claims discussed above and are therefore believed patentable for the same reasons. Because each dependent claim is also deemed to define an additional aspect of the invention, however, the individual consideration of each on its own merits is respectfully requested.

In view of the foregoing amendments and remarks, the entire application is believed to be in condition for allowance, and such action is respectfully requested at the Examiner's earliest convenience.

Applicants' undersigned attorney may be reached in our Costa Mesa, CA office at (714) 540-8700. All correspondence should continue to be directed to our below-listed address.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'Frank L. Cire', is written over a horizontal line.

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